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Techkey Bluetooth 5.3 USB Mini EDR Dongle (B0F6LRFGN8)

Techkey Bluetooth 5.3 USB Mini EDR Dongle User Manual

Model: B0F6LRFGN8

1. INTRODUCTION

The Techkey Bluetooth 5.3 USB Mini EDR Dongle is designed to provide seamless Bluetooth connectivity for your desktop PC or laptop. This compact adapter utilizes the latest Bluetooth 5.3 + EDR technology, offering enhanced stability, improved anti-interference capabilities, and efficient data transmission.

It enables your computer to connect wirelessly with a wide range of Bluetooth-enabled devices, including headphones, keyboards, mice, and game controllers, facilitating file transfers and audio streaming.

Upgraded B-T 5.3 + BLE

High-speed transmission, more stable signal

Compatible with B-T
5.2/5.1/5.0/4.2/4.0/3.0/2.1+EDR

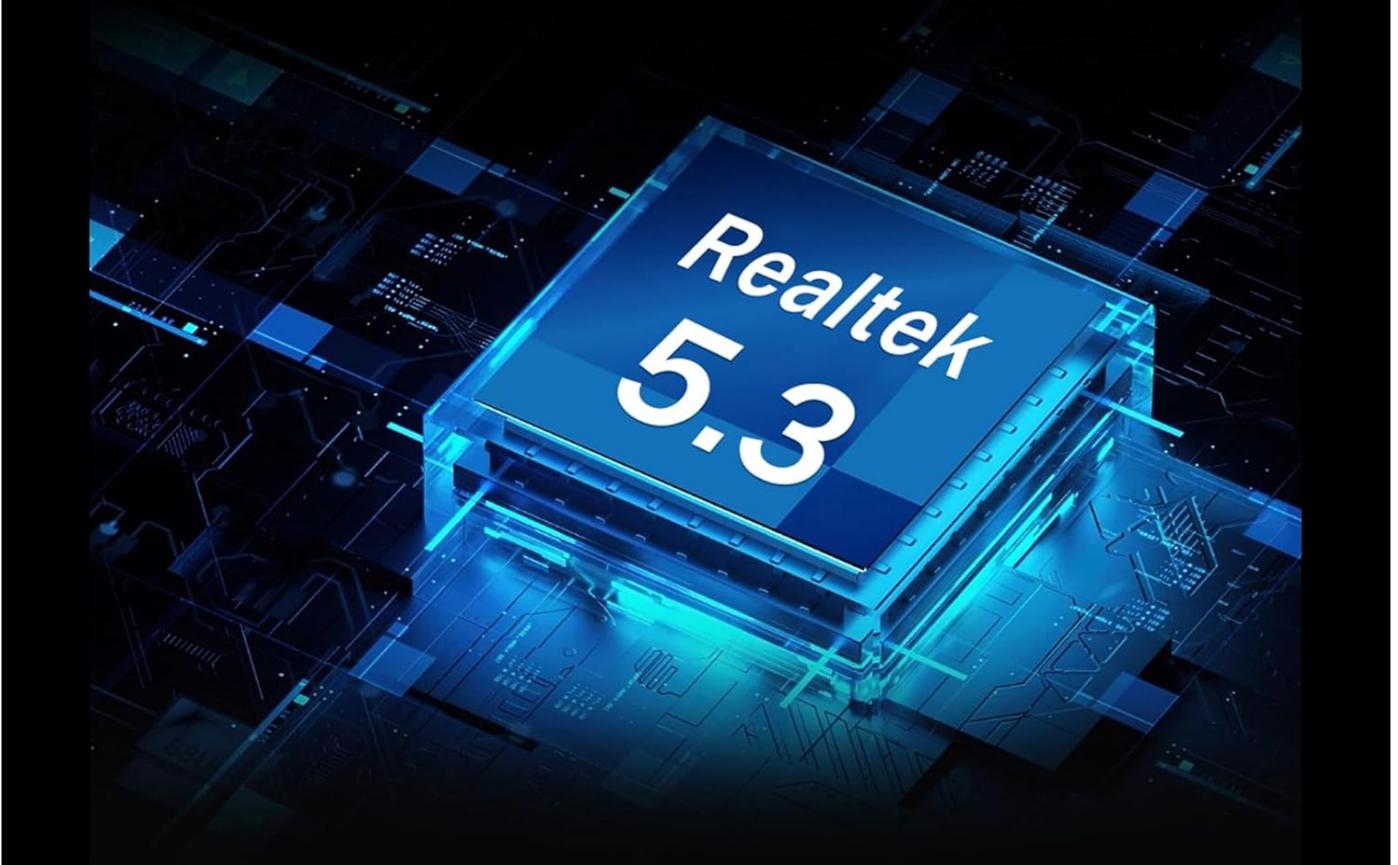


Image: The Techkey Bluetooth 5.3 USB Mini EDR Dongle, highlighting its upgraded Bluetooth 5.3 + BLE technology and Realtek 5.3 chip for high-speed transmission and stable signal.



Image: A close-up view of the Techkey Bluetooth adapter plugged into a laptop, illustrating its mini compact design with dimensions of 1.18 inches (3cm) by 0.59 inches (1.5cm).

2. SETUP

System Requirements

- Operating System: Windows 11, Windows 10, Windows 8.1 (32-bit or 64-bit versions).
- USB Port: Available USB port (USB 2.0 or USB 3.0 compatible).
- *Note: This adapter does not support Mac OS, Linux, Unraid, TV, car stereo systems, PS4, or Xbox.*

Supported Operating Systems

Only support 32/64 bit Windows 11/10/8.1 , Support A2DP/HSP/AVRCP/HID



Image: A visual representation of the supported operating systems, showing Windows 11, Windows 10, and Windows 8.1 logos, indicating compatibility only with 32/64 bit versions of these Windows systems.

Installation

- 1. Plug & Play:** For most Windows 11/10/8.1 systems, the Techkey Bluetooth adapter is designed for real Plug & Play functionality. Simply insert the dongle into an available USB port on your desktop PC or laptop. The system should automatically detect the device and install the necessary drivers.
- 2. Driver Installation (If Needed):** In rare cases, or if you have pre-existing Bluetooth drivers that conflict, manual driver installation might be required. If the device is not recognized or functions incorrectly:
 - **Disable Existing Bluetooth:** If your computer has built-in Bluetooth, it is recommended to disable it through Device Manager before installing the Techkey adapter to prevent conflicts.
 - **Obtain Drivers:** Visit the official Techkey support website or use the mini-CD (if included) to obtain the latest drivers. Follow the on-screen instructions for installation.

Plug & Play

No need to install the driver, easy to use



Image: A user engaged in gaming on a desktop PC, with the Techkey Bluetooth adapter plugged into the computer, illustrating its "Plug & Play" feature and ease of use without driver installation.

3. OPERATING

Connecting Bluetooth Devices

1. Ensure the Techkey Bluetooth adapter is securely plugged into your computer's USB port.
2. On your Windows computer, navigate to **Settings > Devices > Bluetooth & other devices**.
3. Turn on Bluetooth.
4. Click on **Add Bluetooth or other device** and select **Bluetooth**.
5. Put your Bluetooth device (e.g., headphones, keyboard, mouse) into pairing mode. Refer to your device's manual for specific instructions on how to enter pairing mode.
6. Select your device from the list of discovered devices on your computer and follow any on-screen prompts to complete the pairing process.

Simultaneous Connections

The Techkey Bluetooth 5.3 adapter supports connecting up to 5 different Bluetooth devices simultaneously. This allows for versatile use, such as connecting a Bluetooth mouse, keyboard, headphones, and a game controller all at once.



Image: An illustration showing a laptop connected to various Bluetooth devices including a mouse, headphones, keyboard, and game controller, indicating that up to 5 different devices can be connected at the same time.

Data Transmission

This adapter facilitates fast data transmission for various applications, including:

- **Audio Streaming:** Enjoy high-quality audio from your computer to Bluetooth speakers or headphones.
- **File Transfer:** Wirelessly transfer files between your computer and other Bluetooth-enabled devices.
- **Peripheral Connectivity:** Seamlessly use Bluetooth keyboards, mice, and game controllers for enhanced productivity and gaming.

Once connected, devices will typically auto-reconnect when in range and Bluetooth is enabled on your computer.

Fast Data Transmission

Once Connected, Auto Reconnect



Image: A visual demonstrating fast data transmission capabilities, showing a laptop connected to a smartphone via Bluetooth, with icons for Music, Video, and File transfer, indicating quick and stable data exchange.

4. MAINTENANCE

The Techkey Bluetooth USB Mini EDR Dongle requires minimal maintenance. To ensure optimal performance and longevity:

- Keep the dongle clean and free from dust and debris.
- Avoid exposing the dongle to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or modify the device, as this will void any warranty.
- When not in use, it is advisable to store the dongle in a safe place to prevent physical damage.

5. TROUBLESHOOTING

Common Issues and Solutions

Issue	Possible Cause	Solution
Adapter not recognized / Driver error (Code 43)	Conflicting existing Bluetooth drivers; incorrect USB port; driver corruption.	<ol style="list-style-type: none"> 1. Disable or uninstall any pre-existing Bluetooth drivers via Device Manager. 2. Try plugging the adapter into a different USB port (e.g., a USB 2.0 port if using USB 3.0, or vice-versa). 3. Manually install drivers from the official Techkey website if automatic installation fails. 4. Restart your computer.
Cannot find or pair with Bluetooth devices	Bluetooth service not running; device not in pairing mode; out of range.	<ol style="list-style-type: none"> 1. Ensure Bluetooth is enabled in Windows Settings. 2. Verify your Bluetooth device is in pairing mode and fully charged. 3. Check the distance between the adapter and the device; move closer if necessary. 4. Open services.msc, locate "Bluetooth Support Service", set its startup type to "Automatic", and ensure its status is "Running". If not, start it.
Intermittent connection or poor signal	Interference from other wireless devices; physical obstructions; distance.	<ol style="list-style-type: none"> 1. Move the computer or the Bluetooth device away from other wireless devices (e.g., Wi-Fi routers, cordless phones). 2. Reduce physical obstructions (walls, large metal objects) between the adapter and the device. 3. Ensure the adapter is not blocked by other USB devices or cables.

6. SPECIFICATIONS

Feature	Detail
Bluetooth Version	5.3 + EDR (Enhanced Data Rate)
Backward Compatibility	Bluetooth 5.2 / 5.1 / 5.0 / 4.2 / 4.0 / 3.0 / 2.1
Supported Operating Systems	Windows 11 / 10 / 8.1 (32/64 bit)
Transmission Rate	Up to 3Mbps
Transmission Distance	Up to 30 meters (in open areas)
Product Dimensions	1.18 x 0.59 x 0.2 inches (3 x 1.5 x 0.5 cm)
Item Weight	0.704 ounces (approx. 20 grams)
Manufacturer	Shenzhen Denos Trade Co., Ltd.

7. WARRANTY

Specific warranty terms and conditions for the Techkey Bluetooth 5.3 USB Mini EDR Dongle may vary. Please refer to the warranty information provided with your purchase, or contact the seller or manufacturer directly for details regarding warranty coverage, duration, and claims procedures.

8. SUPPORT

For technical assistance, troubleshooting beyond this manual, or product inquiries, please contact Techkey customer support through the following channels:

- **Seller Contact:** If purchased through an online marketplace, use the "Contact Seller" option on your order page.
- **Manufacturer Website:** Visit the official Techkey website for support resources, FAQs, and contact information.

When contacting support, please have your product model (B0F6LRFGN8) and a detailed description of your issue ready.